

ABSTRACT

Synthetic polypeptides whose sequences correspond substantially to amino acid residue sequences of at least portions of naturally occurring proteinoids translated from brain-specific mRNAs are disclosed as are receptors, methods and diagnostics that utilize those synthetic polypeptides. The synthetic polypeptides have molecular weights less than those of their corresponding proteinoids, and induce the production of antibodies that bind to the naturally occurring proteinoid, or a derivative thereof when bound to a carrier as a conjugate and are introduced into an animal.

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